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SPECIFICATION OF MIDBACK REVOLVING CHAIRS

S. No.	Description	Vendor to Confirm	Deviation if any
1	The seat & cushion of chairs should be pressed on 12 mm hot press moulded ply.		
2	The Seat and Back of chair shall be PU moulded.		
3	The seat cushion of the chair should be made up of 50mm (min.) thick High Density of 45±5 Kg/m ³ polyurethane mould and back cushion should be made up of 38mm (min.) thick High Density 33±3Kg/m ³ . The hardness of foam shall be 18±2 kgf and 25% compression and it should be covered with replaceable fabric cover.		
4	The chairs should be MID BACK and have the features such as synchro-tilt mechanism with any position locking, arm rest, hydraulic lift.		
5	The minimum dimensions of the chairs should be as follows:		
	Overall Height: 1020 mm (min.) with lift		
	Seat Height: 420mm to 460mm (min.)		
	Lift adjustment: 100 mm to 120mm		
	Seat Size (W x D): 480 mm x 455 mm (min.)		
	Back Rest Size (W x H): 455 mm x 540 mm (min.)		
	Pedestal Size (W x D): 650 mm x 650 mm (min.)		
6	The arms of the chairs should be integrated skin polyurethane soft foam with hardness ranges on shore a test from 50 - 70 having density in the range of 300 to 400. Armrest shall be weather resistance.		
7	Chair seats & backs shall be upholstered with good quality fabric. Colour shade to be approved by BHEL		
8	Chair shall be supplied with single seat & back.		
9	The Polyurethane should be indifferent to climatic conditions.		
10	The lift mechanism should be pneumatic/hydraulic & tested as per BIFMA Standards and from reputed make and render trouble free service. The height adjustment may be personalized choice with upright position locking arrangement.		
11	Pedestal shall be made of Glass Fibre Nylon with ABS/ NylonTwin Caster Wheels Minimum 5 Nos, of 50 mm Size		
12	Chair's body structure should be capable of weight carrying capacity of min. 100 KG.		
13	Warranty of 2 year is required for chair from date of acceptance.		
14	Supplier shall supply 20 nos. of castor wheel and 5 no. of lift cylinder as a spare along with chairs		
15	All material shall be used of relevant ISI specification and supplier shall produce supporting documents at time of Pre-dispatch Inspection		

Signature
01.02.18

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TENTATIVE PHOTOGRAPH OF REQUIRED CHAIR
(FOR REFERENCE ONLY)



W. J. [Signature]
61.02.18